

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (currently amended) A method for controlling a video processing apparatus,
2 the method comprising:
3 (a) commanding a peripheral device, connected to said video processing
4 apparatus, to transmit an analog signal from an analog output of said peripheral device;
5 (b) receiving said analog signal from said peripheral device on one of a plurality
6 of analog inputs of said video processing apparatus;
7 (c) determining which one of said plurality of analog inputs said analog signal is
8 received; and
9 (d) storing data, in said video processing apparatus, associated with said analog
10 input which has received said analog signal.

1 2. (currently amended) The method of Claim 1 wherein the step of commanding
2 comprises sending a message via a digital bus interconnecting said video processing
3 apparatus and said peripheral device, said message controlling said peripheral device
4 to transmit a signal from said analog output.

1 3. (original) The method of Claim 2 wherein the step of determining comprises
2 repetitively selecting each one of said analog inputs of said video processing apparatus
3 to determine which one of said analog inputs receives said transmitted signal.

1 4. (original) The method of Claim 3 wherein more than one peripheral device is
2 connected to said video processing apparatus and the steps of commanding, receiving
3 and storing are repeated until each one of said peripheral devices have been
4 processed.

1 5. (original) The method of Claim 4 further comprising the step of constructing a
2 map of the analog interconnectivity between each peripheral device and said video
3 processing device.

1 6. (original) The method of Claim 3 wherein said transmitted signal is an analog
2 video blanking signal.

1 7. (original) The method of Claim 1 wherein said video processing apparatus is a
2 digital television.

1 8. (original) The method of Claim 1 wherein said video processing apparatus is a
2 digital set-top box.

1 9. (original) The method of Claim 1 wherein said digital bus is an IEEE 1394 data
2 bus.

1 10. (currently amended) A method for defining the interconnectivity of a plurality
2 of peripheral devices to a plurality of analog inputs of a video processing apparatus,
3 said peripheral devices also being interconnected via a digital bus to said video
4 processing apparatus, said video processing apparatus performing the steps of:

5 (a) selecting one of said plurality of peripheral devices;

6 (b) sending a command, via said digital bus, to said selected peripheral device
7 for commanding said selected peripheral device to transmit an analog signal from an
8 analog output of said selected peripheral device;

9 (c) receiving said analog signal from said selected peripheral device on one of
10 said analog inputs of said video processing apparatus;

11 (d) monitoring each of said plurality of analog inputs to determine which of said
12 plurality of analog inputs receives said analog signal; and

13 (e) repeating steps (a), (b), (c) and (d) for each of the other ones of said plurality
14 of peripheral devices for automatically constructing a map of the analog
15 interconnectivity of each peripheral device connected to said video processing
16 apparatus.

1 11. (original) The method of Claim 10 wherein said digital bus is an IEEE 1394
2 serial data bus.

1 12. (currently amended) A method for configuring a video processing apparatus
2 having an analog input and interconnected via a digital bus to at least first and second
3 ~~two~~ peripheral devices, said method comprising:

4 (a) sending a first command, via said digital bus, to said first peripheral device to
5 switch said first peripheral device into passthrough operating mode;

6 (b) sending a second command, via said digital bus, to said second peripheral
7 device to transmit an analog signal from an analog output of said second peripheral
8 device;

9 (c) receiving said analog signal from said second peripheral device on one of
10 said analog inputs of said video processing apparatus; and

11 (d) monitoring each of said analog inputs to determine which one of said analog
12 inputs receives said analog signal.

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- 1 13. (original) The method of Claim 12 wherein said digital bus is an IEEE 1394
- 2 serial data bus.